

KORNACKI, Henryk, inz.

Design and use of light type 50-100 A. rail conductors.
Problemy proj hut maszyn 12 no.11:339-343 N '64.

1. Capital Investment Designing and Supplying Agency, Warsaw.

~~KORNATSKI, Y~~ [Kornacki, J.]

Science in radio and television broadcasting. Mir nauki no.6:20-21
'59. (MIRA 13:3)
(Radio in education) (Television in science education)

KORNACKI J.

3645

545.37 : 540.32.04

Kemula W., Kornacki J. Polarimetric (Amperometric) Indirect Determination of Potassium by Sodium Tetraphenylboron.

"Polarometryczne (amperometryczne) pośrednie oznaczanie potasu czterofenylboranem sodowym". Roczniki Chemii (PAN), No. 4, 1954, pp. 635-641, 2 figs., 1 tab.

Elaboration of a rapid indirect polarimetric (amperometric) determination of potassium using sodium tetraphenylboron $\text{Na}[(\text{C}_6\text{H}_5)_4\text{B}]$. The amount of potassium of the order of 1 mg in concentrations not less than 5.10^{-4}M may be determined within an error of $\pm 4\%$. An excess amount of sodium tetraphenylboron is added to the solution analysed, containing potassium, and then titrated back by the solution of thallous nitrate TlNO_3 .

CH

MIT
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KORNACKI, JACEK

POLON

✓ The application of LBPB, and NaBPB, to the determina-
tion of potassium. Jacek Kornacki (Univ. Warsaw, Po-
land). Wladyslawa Chem. 8, 148-151 (1964). -A review with
15 references. Adam Sporzynski

3

AK BE

KORNACKI, J.; KEMULA, W.

Polarographic method of determining lead in perhydrol, hydrofluoric acid, and ammonium fluoride. p. 825.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna Organizacja Techniczna) Warszawa, Poland. Vol. 3, no. 5/6, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959
Uncl.

KORNACKI, J.; KEMULA, W.

Polarographic determination of sulfates in perhydrol. p. 831.

CEHMIA ANALITYCZNA (Komisja Analityczna Polskiej Akademii Nauk i Naczelna Organizacja Techniczna) Warszawa, Poland. Vol. 3, No. 5/6, 1958.

Monthly List of East European Accessions (ERAI) LC, Vol. 8, No. 8, August 1959
Uncl.

KORNACKI, J.; KEMULA, W.; BRACHACZYK, W.

Nephelometric determination of sulfates in perhydrol. p. 939.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelna Organizacja Techniczna) Warszawa, Poland. Vol. 3, No. 5/6, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959
Uncl.

KEMULA, Wiktor; CHODKOWSKI, Jerzy; BALASIEWICZ, Michał; KORNACKI, Jacek;
RAKOWSKA, Ewa; VINCENZ, Jolana

Polarographic investigation of some derivatives of *p*-nitroacetophenone,
p-nitropropiophenone, and 1-*p*-nitrophenyl-1,3-propanediol. Roczniki
chemii 33 no.6:1485-1493 '59. (EEAI 9:9)

1. Katedra Chemii Nieorganicznej Uniwersytetu, Warszawa. Zakład
Fizykochemicznych Metod Analitycznych Instytutu Chemii Fizycznej Pol
Polskiej Akademii Nauk, Warszawa.

(Polarograph and polarography)

(Nitroacetophenone)

(Nitropropiophenone)

(Nitrophenylpropanediol)

KORNACKI, Jacek

The With Pugwash Conference in Moscow, November 27-December 5, 1960.
Nauka Polska 9 no.3:213-215 '61.

1. Sekcja Szkol Wysszych i Instytutow Naukowych Zwiasku Nauczycielstwa
Polskiego.

KORNATSKIY, Yatsek [Kornacki, Jacek] (Pol'sha)

Conference on technical education. Mir nauki no.1:26-27 '62.
(MIRA 15:7)
(Technical education--Congresses)

KORNACKI, Jacek

15 years of the activities of the World Federation of Scientific Workers. Nauka Pol 9 no.4:229-234 O-D '61.

1. Sekcja Szkol Wysszych i Instytutow Naukowych Zwiazku Nauczycielstwa Polskiego.

KORNACKI, Jacek

From the activities of the World Federation of Scientific Workers; Session of the Executive Board in Geneva, October, 22-23, 1961. Nauka Polska 10 no.1:150 Ja-F '62.

1. Związek Nauczycielstwa Polskiego, Sekcja Szkół Wzyszych i Instytutów Naukowych, Warszawa.

KORNACKI, Jacek, dr adiunkt

Cumulenes; hydrocarbons with a cumulated system of binary bonds. Wiad. chem. 17 no.3:143-169. Mr. '63.

1. Zakład Fizykochemicznych Method Analitycznych, Instytut Chemii Fizycznej, Polska Akademia Nauk, Warszawa.

KEMULA, Wiktor; KORNACKI, Jacek

Polarography of cumulene hydrocarbons. Pts. 1 - 3. Rocz chemii 36 no.12:1835-1862 '63.

1. Department of Organic Chemistry, University, Warsaw, and
Laboratory of Physicochemical Methods of Analysis, Institute
of Physical Chemistry, Polish Academy of Sciences, Warsaw.

KORNACKI, Ryszard

The Polish-made Osa motorcycle in the Western Hemisphere.
Motor 11 no.32:8-9 12 Ag '62.

KORNACKI, Z.

Kornacki Z.

Kornacki Z., Eng. "A Continuous Method of Single-Layer Brushwood Mattress Production in Floating Workshops"

(Tasmowa produkcja materaca jednowarstwowego na warsztacie pływającym).
Gospodarka Wodna No. 3-4-5, 1949, pp. 97-99, 3 figs.

Fascine mattresses were hitherto made on shore and then pushed into the river and hauled to their destination where they were sunk. The author analyses the above functions and, taking into consideration the fact that the present use of fascine mattresses as independent constructional units for river regulation, necessitates large size fascines, recommends that the manufacture of mattresses be transferred to dalles or barges on which they could be produced by continuous method on the spot where they are required to be sunk. This method, employing 62 men, enables 100 lineal metres of mattress to be produced in 8 hours, even with less skilled labour and a saving of 50% in labour and manufacturing cost.

SO: Polish Technical Abstracts - no. 2, 1951

KORNACKI, Zygmunt, dr med.

Problem of maternal mortality during labor. Polski tygod. lek. 9
no.24:758-762 14 June 54.

(LABOR, complications,
maternal mortal.)

(VITAL STATISTICS,
maternal mortal. in labor)

KORNACKI, Zygmunt

Early ambulation following cesarean section. Polski tygod.
led. II no.8:354-357 20 Feb 56.

1. Z Oddz. Polowniczo-Ginek. Szpitala Woj. w Zielonej Górze;
ord. dr. med. Zygmunt Kornacki. Poznan ul. Siemiradzkiego 3 m.
3.

(CESAREAN SECTION,
early ambulation." (Pol))

KORNACKI, Zygmunt

Webster-Baldy's operation and prevention against the origin of ovarian tumors. Gin. polska 28 no.3:293-297 May-June 57.

1. Z Oddziału Położniczo-Ginekologicznego Szpitala Wojewódzkiego w Zielonej Górze Ordynator: dr. med. Z. Kornacki. Adres: Poznań, ul. Śmigły-Rydzkiego 3 m. 3.

(UTERUS, surg.

Webster-Baldy's operation, prev. of ovarian tumors (Pol))

(OVARIES, neoplasms

prev., following Webster-Baldy's operation (Pol))

KORNACKI, Zygmunt; MUSZKOWSKI, Marian; KAPCZYNSKI, Witold

Studies on intrauterine fetal anoxia. III. Electrophoretic studies of proteins in the amniotic fluid and serum during the course of pregnancy in rabbits. *Gin.polska* 31 no.2:173-178 Mr-Apr '60.

1. Z II Kliniki Chorob Kobietych i Poloznictwa A.M. w Poznaniu.

Kierownik: doc.dr med. E. Howorka.

(ASPHYXIA NEONATORUM exper.)

(BLOOD PROTEINS)

(PROTEINS chem.)

(AMNIOTIC FLUID chem.)

KORNACKI, Zygmunt; WYRZYKIEWICZ, Tadeusz

Role of the auscultation of fetal pulse in complicated pregnancies.
Gin. polska 32 no.3:337-343 '61.

1. Z II Kliniki Ginekologiczno-Polozniczej AM w Poznaniu Kierownik:
doc. dr med. E. Howorka
(PREGNANCY compl)
(FETUS)
(AUSCULTATION in pregn)

KORNACKI, Zygmunt; JAGIELSKI, Maciej

The origin of protein fractions in the amniotic fluid. Ginek.
pol. 34 no. 6:687-692 '63.

1. Z II Kliniki Ginekologiczno-Polozniczej AM w Poznaniu.
Kierownik: prof.dr.med.E.Howorka.

*

KORNACKI, Zdislaw, mgr inz.

Use of prefabricated parts in constructing a large diameter collector within the bed of a river., Gaz woda techn sanit 37 no.10:320-323
0 '63.

1. Stolica Design Office of Communal Constructions, Warsaw.

KORNACKI, Zygmunt; JAGIELSKI, Maciej

Fetal serum and amniotic fluid proteins in prolonged pregnancy.
Ginek. Pol. 36 no.1:5-8 Ja '65

1. Z II Kliniki Poloznictwa i Chorob Kobietych Akademii Medycznej w Poznaniu (Kierownik: prof. dr. med. E. Howorka).

KORNACKI, Zygmunt; BICZYNSKO, Romuald

Creatinine contents in the amniotic fluid in cases of fetal distress. Ginek. Pol. 36 no. 12:1227-1231 D ' 65

1. Z II Kliniki Położnictwa i Chorob Kobietych AM w Poznaniu (Kierownik: prof. dr. E. Howorka).

KORNAI, Janos, a kozgazdasagtudomanyok kandidatusa

What is operations research? Elet tud 15 no.17:532-535
24 Ap '60.

KORNAI, Janos

"Introduction to operation research" by C.W. Churchmann,
R.L. Ackoff, and E.L. Arnoff. Reviewed by Janos Kornai.
Stat szemle 38 no.4:428-429 Ap '60.

KORNAI, Janos

How economical is it? Elet tud 16 no.42:1335-1338 15 0 '61.

KORNAI, Janos

Economical problems of automation. *Magy textil* 13 no.5:214-217 My '61.

1. Textilipari Kutato Intezet.

KORNAI, Janos; LIPTAK, Tamas

Two-level planning: a model of the theory of games and
iterative computing method to be used in the national economy
for solving long-range plans. Mat kut kozl MTA 7 Series
B no.4:577-621 '62[publ. '63].

FREY, Tamas, a matematikai tudományok kandidátusa; KORNAI, Janos, a
kozgazdasagi tudományok kandidátusa, tudományos fõmunkatárs

Application of mathematical methods in the field of economics
with special regard to an industrial branch. Magyar Tud. 71
no.8/9:498-511 Ag-S '64.

1. Computing Center, Hungarian Academy of Sciences, Budapest.
2. Acting Director, Computing Center, Hungarian Academy of
Sciences, Budapest (for Frey).

KORNAKOV, A.M., kandidat tekhnicheskikh nauk; TAL', K.K., kandidat tekhnicheskikh nauk.

Efficient designs for one-way classification yards. Zhel.dor.transp.
37 no.11:49-52 N '55. (MLRA 9:2)

(Railroads--Switching)

KORNAKOV, A.M.
VERTSMAN, G.Z., kand. tekhn. nauk; GOMOLYAKO, I.M., kand. tekhn. nauk;
GLIKMAN, M.S., kand. tekhn. nauk; KORNAKOV, A.M., kand. tekhn. nauk

"Collected papers of the Moscow Research Institute of Railroad
Engineering; designing railroad stations and yards." Reviewed by
G.Z.Vertsman, Transp. stroi. 8 no. 7:31-32 J1 '58. (MIRA 11:7)
(Railroads--Stations)
(Railroads--Yards)

KORNAKOV, A.M., kand. tekhn. nauk

Combining receiving and dispatching tracks in single-sided
classification yards. Transp. stroi. 9 no. 3:40-43 Mr '59.

(Railroads--Yards)

(MIRA 12:4)

KORNAKOV, A.M., kand.tekhn.nauk

Most efficient angles of crossing for viaduct intersections. Transp.
stroit. 9 no.6;44-47 Je '59. (MIRA 12:11)
(Railroads--Crossing) (Viaducts)

ORLOV, Anatoliy Petrovich, kand. tekhn.nauk; KORNAKOV, A.M., red.;
MEDVEDEVA, M.A., tekhn. red.

[Machines and mechanisms for switching movements of cars] Ma-
shiny i mekhanizmy dlia manevrovykh peredvizhenii vagonov. Mo -
skva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshche-
niia, 1960. 113 p. (MIRA 15:3)

(Railroads--Equipment and supplies)
(Railroads--Switching)

KORNAKOV, A.M., kand.tekhn.nauk; GLIKMAN, M.S., kand.tekhn.nauk

Modern designs of hump marshalling yards. Transp.stroi.
10 no.8:43-47 Ag '60. (MIRA 13:8)
(Railroads--Hump yards)

KORNAKOV, Anatoliy Mikhaylovich, kand.tekhn.nauk; KARLOVSKIY, S.A.,
inzh., retsenzent; SHISHLYKOV, Ye.S., inzh., red.;
VOROTNIKOVA, L.F., tekhn. red.

[Layout of railroad tracks in junctions] Razviazki zheleznodorozhnykh liniy v uzlakh. Moskva, Transzheldorizdat, 1962.
153 p. (MIRA 15:8)

(Railroad engineering)

KORNAKOV, A. M., kand. tekhn. nauk

Calculation and design of yards of special profile. Transpatroi
13 no. 11:40-45 N '63. (MIRA 17:5)

KORNAKOV, A.M., kand.tekhn.nauk

Efficient grading of the piedmont hump area in sorting yards. Zhel.dor.
transp. 46 no.11:47-49 N '64. (MIRA 18:1)

18.5100

SOV/136-59-10-11/18⁶⁵⁶⁹⁴

AUTHORS: Kim, K.T., Kornakov, D.Ye. and Safronov, N.V.

TITLE: A Method of Extruding Tubes with a Small Inside Diameter

PERIODICAL: Tsvetnyye metally, 1959, Nr 10, pp 65-68 (USSR)

ABSTRACT: Until recently, tube stock has been extruded at the Artemovskiy Plant by the standard method, using a 600 t hydraulic press and centrally bored shells made of cut lengths of rod extruded on horizontal presses. The shells have been bored on specially set lathes; this, in addition to increased production costs, increased the proportion of produced scrap metal. These shortcomings of the production technique have been eliminated by the staff of the Artemovskiy Plant, where a new method of manufacturing tube stock has been developed and put into practice. The advantage of this method (which consists in using horizontal hydraulic presses for extruding not solid rod but hollow shells) is that it does not necessitate any modifications in the existing equipment and can be employed on any horizontal press equipped with piercing attachment. Extrusion of the hollow shells is carried out with the aid of a specially designed mandrel, shown in Fig 1. The normal practice in tube extrusion is

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A Method of Extruding Tubes with a Small Inside Diameter

to use a cylindrical mandrel, the diameter of which is equal to the inside diameter of the extruded tube. Consequently, it is difficult to extrude tubes with the inside diameter less than 22 mm, because during the piercing operation a small diameter mandrel is easily shifted from its original central position, as a result of which a tube of non-uniform wall thickness is produced. The mandrel designed by the present authors consists of two parts: shaft and tip. The diameter of the shaft is considerably larger than (50 to 60 mm) the inside diameter of the extruded product; this is to ensure rigidity of the tool during the piercing operation. The tip of the mandrel is shaped like a bottle neck: it tapers towards the end of the mandrel and ends with a cylindrical portion 15 to 20 mm long, the diameter of which is equal to the inside diameter of the extruded tube; this cylindrical portion is located during extrusion in the centre of the extrusion die, with which it forms the annular space through which the metal is forced out. The extrusion process is illustrated diagrammatically in Fig 2, showing: 1 - container; 2 - die holder; 3 - die;

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A Method of Extruding Tubes with a Small Inside Diameter

4 - mandrel; 5 - extruded tube steel; 6 - billet;
7 - dummy block; 8 - main ram; 9 - mandrel holder.
The mandrel can be made either in one piece or with a detachable tip. For extruding tubes with the internal diameter larger than 15 mm, it is recommended to use a one-piece mandrel made of steel ZKh2V8; for extruding tubes with the internal diameter smaller than 15 mm, it is better to use a mandrel with a detachable tip, with the shaft made of steel ZKh2V8 and the tip of a more heat-resistant material. The construction of the two-piece mandrel is shown in Fig 3 (a - shaft, b - tip). Setting of the press is illustrated in Fig 4, showing 1 - die; 2 - mandrel; 3 - mandrel positioning nuts; 4 - main ram cross-head; 5 - piercing cross-head pillars. The usual sequence of operations is employed in extrusion. In order to evaluate the new technique of extruding tube stock for the 600 t press, a series of tests was carried out in which two batches of hollow brass shells (2108 kg) were made by the old process and three (5475 kg) by the new method. When the old method was employed, rods of 97.5 mm diameter were extruded from 250 x 650 mm billets

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SOV/136-59-1C-11/18

A Method of Extruding Tubes with a Small Inside Diameter

on a 2500 t hydraulic press; these were cut into 100 mm long pieces through which holes 22 mm diameter were bored. (The length of the bar stock was limited to 100 mm to avoid boring from two ends.) After boring, the inner surface of the tube stock was very rough and the wall thickness varied by as much as 1 to 2 mm. When the new method was tested, the tube stock was extruded, with the aid of the newly designed mandrel, from 250 x 650 mm billets on a 2500 t press at 750 to 780°C; the inside surface of the extruded stock was smooth, the variation of its wall thickness being 1 to 2 mm in the first extruded portion and not more than 0.6 mm in the end part. Data collected during these tests and reproduced in Tables 1 and 2, show that the proportion of scrap, amounting to approximately 29% in the old process, was reduced to about 17% when the new method was employed. No difficulties have been experienced in applying the new method on the industrial scale, the new mandrel having proved to be as durable as that used in the normal extrusion. Thus, in the period 20th February to

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SOV/136-59-10-11/18

A Method of Extruding Tubes with a Small Inside Diameter

20th April 1959, during which 202 t of tube stock (97.5 x 22 mm) was extruded by the new technique from billets measuring 250 x 650 mm, only five mandrels were expended. The method can be used for extruding profile tubes (rectangular, square etc) with the inside diameter of 6 to 8 mm. Acknowledgments are made to Yu.I. Ignat'yev and D.T. Karpachev, who participated in this work. There are 5 figures and 2 tables.

ASSOCIATION: Artemovskiy zavod „Tsvetmet“, (Artemovskiy Plant "Tsvetmet")

Card 5/5

KORNAKOV, M

Oct 52

USSR/Metallurgy - Casting, Methods

"Precision Casting by the Investment Method," M. Kornakov, Director of the
Noginsk Plant of Fuel-Firing Equipment

Za Ekon Materialov, No 3, pp 72-76

Describes casting technology which has been used since 1949 for manufacturing
19 parts of fuel pump with weight of castings from 18 to 360 g. Main features
of process are: application of pattern stearin-paraffin mixture in pasty state
and use of dry coating material. States that cost of products at plants using
this process amounts to only 25% of production cost at plants using wet facing
method.

Source #264T64

KORNAKOV, M.A.

International congress on the mechanization of gardening. Biul.
tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekhn. inform.
18 no.2:53-55 F '65. (MIRA 18:5)

KORNAKOV, N.

What a review of labor organization at the "Dinamo" plant showed.
Sets.trud no.2:88-91 P '56. (MIRA 9:7)
(Electric industries)

MONOSZON, N.A.; STOLOV, A.M.; GASHEV, M.A.; SPEVAKOVA, F.M.;
YAVNO, A.Kh.; KORNAKOV, Ye.V.; KULAKOV, F.M.; MADGORNYY, V.P.;
GORSHKOVA, Ye.G.

Power supply system of the electromagnet of the 7 bev. proton
synchrotron. Prib. i tekhn. eksp. 7 no.4:27-33 J1-Ag '62.
(MIRA 16±4)

1. Nauchno-issledovatel'skiy institut elektrofizicheskoy
apparatury Gosudarstvennogo komiteta po ispol'zovaniyu atomnoy
energii SSSR.

(Electromagnets) (Synchrotron)

KORNAKOV, YE. V.

40739

S/120/62/000/004/004/047
E194/E420

AUTHORS: Monoszon, N.A., Stolov, A.M., Gashev, M.A.,
Spevakova, F.M., Yavno, A.Kh., Kornakov, Ye.V.,
Kulakov, F.M., Nadgornyy, V.P., Gorshkova, Ye.G.

TITLE: The supply system for the electromagnet of a proton-
synchrotron of 7 GeV

PERIODICAL: Priory i tekhnika eksperimenta, no.4, 1962, 27-33

TEXT: The article describes the supply system for an electro-
magnet, the field of which increases at the steady rate of
 6.7×10^3 Oe/sec to reach a maximum value of 9300 Oe in 1.55 sec
and then falls off exponentially in 0.8 sec, the repetition
frequency is 10 to 12 cycles per minutes. The voltage on the
electromagnet is increased from 5000 to 10250 V with a maximum
current of 2500 A. An induction motor of 3500 kW, 6 kV,
740 rpm drives through a fluid coupling a 6 phase alternator of
peak output 37500 kW, 8.2 kV, and an auxiliary generator of
250 kW, 380 V for auxiliary supply to the 12-phase ignitron
rectifier. During the current decrement period the rectifier
operates as an inverter. A description of the smoothing circuit
Card 1/2

The supply system for the electro-... 5/120/62/000/004/004/047
E194/E420

is given. Particular fault conditions of the circuit are analysed and the protective devices fully described. The performance is illustrated by oscillograms. Schematic and block circuit diagrams are given and an outline drawing of the ignitrons. There are 8 figures. ✓

ASSOCIATION: Nauchno-issledovatel'skiy institut elektrofizicheskoy apparatury GKAE (Scientific Research Institute for Electrophysical Apparatus GKAE)

SUBMITTED: April 10, 1962

Card 2/2

NESTERENKO, G.V.; KORNAKOV, Yu.N.; AVILOVA, N.S.

Differentiated trap intrusion in the middle Vilyuy Valley. Geol.
i geofiz. no.7:43-51 '65. (MIRA 13:9)

1. Institut geokhimii Sibirskogo otdeleniya AN SSSR, Irkutsk.

NESTERENKO, G.V.; KORNAKOV, Yu.N.

Subalkaline trap rocks in the Vilyuy Valley as a product
of metasomatism. Dokl. AN SSSR 153 no.5:1175-1177 D '63.
(MIRA 17:1)

1. Predstavleno akademikom D.S. Korzhinskim.

KORNAKOVA, A. A.
ASHBEL', S.I., professor; CHEREMINA, Z.G., klinicheskiy ordinator;
KORNAKOVA, A.A., khimik

Dynamics of adsorption and circulation of norsulfazole sodium in the
organism during various methods of its administration. Terap. arkh.
26 no.6:67-75 W-D '54. (MLRA 8:2)

1. Iz klinicheskogo otdela (sav. prof. S.I.Ashbel') Gorkovskogo
instituta gigiyeny truda i profsabolevaniy.

(SULFONAMIDES, administration,
norsulfazole sodium, absorp. & circ. in various modes
of admin.)

ASHBEL', S.I.; KORNAKOVA, A.A.

State of vitamin C and K metabolism in pneumosclerosis caused by
toxic chemicals. Trudy GIGT no.9:136-148 '62. (MIRA 17:9)

KORNAKOVA, A.I.

Effect of Dzhusaly mineral water on hematopoiesis in experimental anemia caused by lead. Izv. AN Kazakh. SSR. Ser. med. i fiziol. no. 2:85-90 '60. (MIRA 13:10)

(KARAGANDA PROVINCE--MINERAL WATERS) (ANEMIA)
(LEAD--PHYSIOLOGICAL EFFECT)

KORNAKOVA, A.L.

Experimental data on the effect of mineral waters from the
Dzhusaly Springs on the secretory function of the stomach.
Zdrav. kazakh. 22 no.1:50-53 '62. (MIRA 15:3)

1. Iz kafedry normal'noy fiziologii (zav. - prof. A.A. Uzbekov)
Karagandinskogo meditsinskogo instituta.
(STOMACH--SECRETIONS)
(KARAGANDA PROVINCE---MINERAL WATERS--PHYSIOLOGICAL EFFECT)

GRIGORUTSE, G.V.; POLEVOY, V.V.; LEONOVA, L.A.; KORNIKOVA, E.F.

Some characteristics of protein metabolism in corn coleoptile segments treated with β -indolineacetic acid. Izv. SO AN SSSR no.8 Ser. biol. med. nauk no.2:24-28 '64 (MIRA 18:1)

1. Vostochno-Sibirskiy biologicheskiy institut Sibirskogo ot-deleniya AN SSSR, Irkutsk.

KORNAKOVA, Ye. V., FRANK, G. M., and SHTEYNGAYS, L. N.

"On Structural Processes in the Nerve." Zef. Zhur., Vol 33, No 4, 1947, p483.
Physiology Inst imeni Academician I. P. Pavlov, Acad Sci USSR.

SO: U-4396

KORNAKOVA, Ye.V.:FRANK, G.M.

Modifications of mechanical properties in the nerve during its
stimulation. Doklady Akad. nauk SSSR 87 no. 4:555-558 1 Dec 1952.
(CJML 23:5)

1. Presented by Academician A. I. Oparin 20 September 1952.

KORNALIEWSKI, T.; WIEWODNICZANSKI, H.

Intensity ratios of spectral lines in the visible triplet
of ZnI in the temperature of liquid nitrogen. Acta physica
Pol 24 no.5:601-609 N°63.

1. Institute of Physics, Jagiellonian University, Krakow.

L 8538-66

ACCESSION NR: AP5018827

PO/0045/65/027/006/0987/0988

25
B

AUTHOR: Kornalewski, T.

TITLE: Enforced electric dipole transitions in the spectra of Sn I

SOURCE: Acta physica polonica, v. 27, no. 6, 1965, 987-988

TOPIC TAGS: tin, spectral line, UV spectrum, optic transition, dipole interaction, stimulated emission

ABSTRACT: The author advances arguments in favor of the assumption that the four lines observed by Meggers (J. Res. Nat. Bur. Standards v. 24, 153, 1940) in Sn I are not due to electric quadrupole transitions and are more likely to be enforced electric dipole transitions. The fact that these lines could not be observed in the spectrum of Schuler lamps even after nine hours of exposure shows that Schuler's lamp does not produce an electric field sufficiently intense to enforce such transitions, so that a search for these lines in the spark spectrum of tin is recommended. Orig. art. has: 1 table.

ASSOCIATION: Instytut Fizyki Uniwersytetu Jagiellonskiego, Krakow (Institute of Physics, Jagellonian University)

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Intensity ratios of spectral lines in the visible triplet of ZnI in the temperature of liquid nitrogen. Acta physica Pol 24 no.5:601-609 N°63.

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Effect of antihistaminics on experimental gastric ulcer. Cesk. fysiол.
8 no.3:209-210 Apr 59.

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(PEPTIC ULCER, exper.

eff. of antihistaminics (Cz))

(ANTIHISTAMINICS, eff.

on exper. peptic ulcer (Cz))

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alfadryl on exper. peptic ulcer (Cz))

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(PEPTIC ULCER exper)

(ANTIHISTAMINICS pharmacol)

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(MONSTERS) (TWINS)

KORNBERG, A.

1958

Preparation of Samples of Hide for Laboratory Experiments

Tests carried out on a laboratory scale encounter a major difficulty resulting from irregular structure at various points of the hide; the results of experiments carried out on samples taken from various parts of the hide do not provide, therefore, a correct representation of the phenomenon examined; neither can they be reproduced. With a view to avoiding this difficulty, the authors have elaborated a standard method for obtaining finished strips of hide and verified the utilitarian value of the material so obtained by fixing the tanning value (WG) and binding value (WW) for the following tannins: synthetic Rotanin W and sulphated quebracho extract containing 64 per cent tannin. They have, moreover, prepared a draft for experimental technological procedure applicable to finished hide strips.

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POLAND/Chemical Technology. Chemical Products and Their Application.
Treatment of Solid Mineral Fuels.

H-22

Abs Jour: Referat Zhur-Khimiya, No 5, 1958, 15682.

which they are subjected to coking. The oxidation step constitutes the principal specific feature of the method. The following correlations were determined: between mechanical strength of briquettes, duration (up to 10 hours), and temperature (180-230°) of briquette oxidation; between yield of coking products, elemental composition of briquettes and duration of their oxidation; between mechanical strength of briquettes and the amount of binder (8-12%). As the initial fuel use was made of the following products: 2 varieties of semicoke produced at 600 and 850° (content of volatiles, respectively, 8.5 and 2.5%, ash 11.6 and 13.0%), 3 varieties of coal containing 41-37% volatiles and 13-8.8% ash, and also coke fines of 3 mm particle size; as binder were used the following fractions of low-temperature carbonization tar: 230-270°, 270-300°,

Card : 2/3

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Mutual relations between methionine and cysteine in protein synthesis.
Acta univ. carol. [med.] Suppl. 14:61-67 '61.

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(VENOMS toxicol) (BLOOD COAGULATION pharmacol)

3

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(INDUSTRIAL HYGIENE

med. exam. of construction workers with heavy machinery)

KORNASZEWSKI, W.

Working at heights p. 214

OCHRONA PRACY: BEZPIECZENSTWO I HIGIENA PRACY:

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Vol 9, no. 8 August 1955

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Gymnastics of a parachutist. (To be cont'd.). p. 12, Vol. 11, no. 21, May 1955

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SKRZYDLATA POLSKA, Warszawa, Vol. 11, no. 22, May 1955.

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EXCERPTA MEDICA Sec.7 Vol.10/4 Podiatrics April 56

764. KORNASZEWSKI W. and IWANKIEWICZ S. Wrocław, ul. Zimowa 5. *Leczenie dzieci chorych na krztusiec obniżonym ciśnieniem barometrycznym (w komorze niskich ciśnień). The treatment of pertussis by means of lowered barometric pressure (in the chamber of low pressures) PEDIAT.POL. 1955, 30/11 (1071-1074)

The effect was studied in 90 children. The children were placed in a chamber of low pressure at the altitude from 3,500 to 4,000 m. for half an hour once to four times. Some of the children were simultaneously treated pharmacologically. Only 10% of the cases completely recovered. The rest were considered as uncertain or not responding to this treatment.

From authors' summary (XX,7)

EXCERPTA MEDICA Sec. 17 Vol. 3/9 Public Health Sept. 57

2930. KORNASZEWSKI W. "Od zagadnień medycyny lotniczej do medycyny kosmicznej. From aviation to space travelling medical problems
WŁAD. LÉK. 1956, 9/16 (721-726)

Aviation medicine closely follows the great technical progress of aviation. Permanent consideration for the health of aircraft personnel and passengers has provided means for the reduction or even elimination of certain factors exerting their influence during the flight (oxygen apparatus, special clothing, protection against cosmic rays, etc.). Space travelling confronts medicine with new problems for the protection of health and life of interplanetary crews (oxygen provision, the combating of over-exertion, the realization of artificial gravitation, employing electrogravitation, etc.). It may be expected that also with regard to aviation medicine, primarily apparently unsolvable problems and difficulties will be overcome.

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Application of oxymeter in medicine. Postępy wiedzy med. 4 no.3:279-
281 July-Sept 57.

(OXYGEN, in blood,
oxymetry, review (Pol))

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Effect of Flack's (Valsalva's) test on the electrocardiographic curve.
Polski tygod. lek. 13 no. 22: 839-841 2 June 58

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W. Kornaszewski. Adres: Wrocław, Główny Ośr. Badań Lot., - Lekarskich.
(RESPIRATION, physiol.)

Flack test, eff. on ECG in normal cond. (Pol))
(ELECTROCARDIOGRAPHY,
eff. of Flack test in normal cond. (Pol))